



WEEK ENDING FEBRUARY 15, 2013

OPP Weekly Activity Report

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HEALTH EFFECTS DIVISION

Meeting With Dow Agroscience (DAS) On Design of Chlorpyrifos Inhalation Toxicity

Study: Staff from HED, ORD, and PRD participated in a conference call with DAS to discuss a path forward on the design of the follow up inhalation toxicity studies that are to be conducted for chlorpyrifos. The discussion focused on ensuring DAS was informed of the key aspects of the volatilization risk assessment which could potentially be refined by additional inhalation toxicity data and the Agency perspective on the best ways to address them. The importance of the oxon relative to chlorpyrifos itself was also discussed. The key message to DAS in the call was that they should focus on evaluating the existing volatilization risk assessment and develop a research strategy which addresses the clear risk drivers. Specifically, we identified major areas of concern they need to address that include: attempt to establish a no effect level or ensure data can be used for a benchmark analysis, conduct a vapor phase study instead of aerosol, and develop a justification and supporting data for including lung tissue perfusion (Jeff Dawson 703-305-7329, Anna Lowit 703-308-4135).

CAPHRA Meetings with OPP Managers & Scientists. On February 7, 2013 representatives from the Council for the Advancement of Pyrethroid Human Risk Assessment (CAPHRA) met with managers and staff from HED, PRD, RD, and ORD. The meeting focused on the status of a research effort to evaluate the potential for juvenile sensitivity to pyrethroids. The CAPHRA efforts include in vitro studies, targeted in vivo studies, and PBPK modeling and are thus in line with 21st century toxicity testing. (Anna Lowit, 703-308-4035)

Meeting with the California Avocado Commission: Members of RD, HED and EFED met with the California Avocado Commission and their representatives to discuss the feasibility of pursuing registration of the fungicide uniconazole on the Hass variety of avocados. The potential for waiving certain studies was discussed, based on the limited use pattern and geographic area. At the conclusion of the meeting, various options for submitting proposed data waivers were discussed. (Doug Dotson, 703-305-5351; Jaime D'Agostino, 202-347-0403; Christina Swartz, 703-305-5877)

OPP/PMRA Quarterly Pesticide Incident Working Group Meeting: OPP and PMRA held their quarterly incident working group meeting. The purpose of the working group is to discuss cross border incident issues and share information to improve incident data collection and analysis in both countries. Discussion topics this quarter included bee incident updates, a food residue incident data discussion, and PMRA's electronic incident reporting system. (Shanna Recore, 703-308-9339, Elizabeth Evans, 703-305-7891)

GAO Meets with OPP on Pesticide Residues: Ross Campbell and Mr. Trentacoste of GAO met with OPP's David Hrdy, David J Miller, Deborah Hartman, and Cameo Smoot to discuss a GAO inquiry on food residue monitoring. The purpose was for GAO to learn more of OPP's work with other food monitoring agencies such as FSIS and our arrangements with those agencies regarding sharing and using data. (David Hrdy 703-305-6990)

ACS Webinar - Do Adjuvants Matter?: OPP staff participated in a webinar organized by Crop Life Foundation (CLF) that focused on the use of adjuvants in pest control and the impact of adjuvants on the determination of Maximum Residue Limits (MRLs). As part of the presentation, the CLF presenter compared the variation inherent in MRLs from standard field residue trial data to the observed variation attributable to adjuvant use. The comparison suggested that the ranges of calculated MRLs exceeded the observed contribution in variability which may occur from use of adjuvants. Based on this observation, the CLF presenter concluded that the observed differences in calculated MRL values are more than adequate to accommodate variability of residue levels caused by the use of adjuvants. (Bayazid Sarkar, 703-347-0131)

Pyrethrin Product Stewardship (PSP) Meeting Held: HED and PRD staff met with members of the Pyrethrin Joint Venture (PJV) to discuss our recent evaluation of their 2011 PSP annual incident submission/analysis report and discuss the progress and challenges of the ongoing Pyrethrin Stewardship Program (PSP). EPA had required the PJV to begin this 5-year program to collect pyrethrin incident data in order to help the Agency in determining whether individuals with asthma or allergies are more likely to experience an adverse reaction when exposed to pyrethrins. In the first two years, registrants working with SafetyCall identified 677 "eligible" cases of pyrethrin exposure resulting in either dermal or respiratory symptoms, with a total of 46 of these cases participating in the extended survey. PSP members were appreciative of EPA's comments on the 2011 PSP report and stated that specific recommendations provided by EPA will help steer the ongoing PSP data collection efforts. EPA expects to review the 2012 PSP report this spring. (Aaron Niman, 703-347-8627; Elizabeth Evans, 703-305-7891)

PESTICIDE RE-EVALUATION DIVISION

MSMA Registrant Focus Meeting Held. On February 13, 2013, the MSMA registration review team met with the Organic Arsenicals Product Task Force which includes Luxembourg-Pamol and Drexel Chemical Co. Along with the Task Force, invited stakeholders included representatives from USDA, PBI-Gordon, the University of Florida, University of Georgia, Mississippi State, the Golf Course Superintendents Association of America, the Georgia Agribusiness Council, the Professional Lawn Care Network, sod growers, and professional applicators. The

meeting covered the registration review schedule, environmental fate modeling, and specific usage information. Benefits information was also presented. MSMA is a broad-spectrum herbicide used to control grasses and broadleaf weeds on cotton, golf courses, sod farms and highway rights-of-way. The turf uses of MSMA are being phased out. Residential uses were voluntarily canceled in 2009. The registration review docket is scheduled to open in March 2013. (Garland Waleko, 703-308-8049)

Bromoxynil Team Meets with Technical Registrants. On February 12, technical registrants of bromoxynil joined the registration review team, OPMP, and the National Marine Fisheries Service (NMFS) to discuss the process and timeline for registration review, plans for risk assessment, usage information, missing or ambiguous use parameters from product labels, non-traditional sources of data, and preliminarily-identified data gaps. NMFS was invited to participate in the focus meeting because the draft Pacific Northwest Salmonid Biological Opinion for bromoxynil is under development. The registrants offered rationales for addressing some prospective data requirements via bridging as well as alternative approaches to satisfying requirements for analytical methods. The registrants also previewed their plans to capture and confirm product use parameters in spreadsheet form. The registration review docket for bromoxynil is set to open next month. (Jill Bloom, 703-308-8019)

January 10, 2013 Updates to Pyrethroids and Synergized Pyrethrins Non-Agricultural Outdoor Products Label Statements. On January 10, 2013, in response to feedback from states and stakeholders, EPA signed a letter approving certain optional modifications to the 2009 Environmental Hazard Statements and general Directions for Use sections of labels for pyrethroid and pyrethrins non-agricultural outdoor products. These optional revisions are intended to enhance the capability of professional pest control operators (PCOs) to treat for aggregating overwintering pests (or occasional invaders) such as brown marmorated stink bugs and kudzu bugs. In 2009, EPA implemented a labeling initiative to revise the Environmental Hazard Statements and general Directions for Use for these products to reduce the potential for runoff and drift that can result from applications of pyrethroid and pyrethrins end-use products by both professional pesticide control operators and residential consumers in residential, commercial, institutional, and industrial areas. More information is available at: <http://www.epa.gov/oppsrd1/reevaluation/environmental-hazard-statment.html>. (Monica Wait, 703-347-8019 and Molly Clayton, 703-603-0522)

Pendimethalin Final Work Plan Signed. On February 11, 2013, the registration review Final Work Plan for pendimethalin was signed. Pendimethalin is a dinitroaniline herbicide registered for use to control weeds in a variety of agricultural crops (including corn, cotton, soybean, citrus, nuts, pome and stone fruits, vegetables, and berries), turf, residential lawns, ornamentals, and in outdoor

commercial, institutional, and industrial areas. The Agency intends to issue a DCI for the registration review of pendimethalin in the winter of 2013. (Khue Nguyen, 703-347-0248)

Status of Issuing GDCIs. PRD issued a Generic Data Call-In (GDCl) for 6 cases: propamocarb, primisulfuron-methyl, nitrapyrin, tribenuron-methyl (second DCI), mepiquat, and triasulfuron during the period of February 8 to February 14. During FY2013, PRD has issued a total of 41 GDCl packages: 39 individual case GDCIs and 2 supplemental-GDCIs (to accommodate added studies for individual cases) for registration review. (Joseph Nevola, 703-308-8037; Gary Mullins, 703-308-8044; Meredith Scott, 703-308-0049)

FIELD & EXTERNAL AFFAIRS DIVISION

FEAD Assists NIOSH with Continuing Webinar Series on PPE. Staff from CWPB presented information on Worker Protection Standard requirements related to enclosed cabs and closed systems as part of a continuing webinar series on personal protective equipment for agricultural pesticide handlers sponsored by the National Institute for Occupational Safety and Health. The NIOSH-sponsored webinar was held January 23, and focused on several key issues involved with selecting proper PPE for enclosed cabs and closed systems, including the WPS PPE exceptions for closed systems and enclosed cabs and the key requirements of these provisions, issues with maintaining the integrity of enclosed cabs and closed systems so engineering controls provide intended protections, California's experience with its closed system rules and criteria and results from its field inspections of closed systems, and information about the NIOSH certification and standard-setting process for enclosed cabs. (Richard Pont, 305-6448)

FEAD Provides Support for and Presents at Pesticide Stewardship Conference. At The Pesticide Stewardship Alliance conference in Mobile, Ala., February 5-7, several representatives from FEAD/CWPB gave presentations. Nancy Fitz, the EPA liaison to the TPSA Board of Directors, assisted with conference planning and provided key support by facilitating and/or moderating several conference sessions, serving on a discussion panel on the state of clean sweep programs, and explaining the EPA's pesticide container regulations and field observations from our state regulatory partners. Jeanne Kasai presented on the EPA's soil fumigant risk mitigation measures and related training requirements, and how the EPA is coordinating with certification and training programs to support the training effort. Richard Pont updated attendees on the EPA pesticide worker safety program and OPP's efforts to revise and update the Label Review Manual and improve pesticide label language related to personal protective equipment requirements. (Nancy Fitz, 305-7385; Jeanne Kasai, 308-3240; Richard Pont, 305-6448)

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

Analytical Chemistry Branch Begins Work for National River and Stream Assessment (NRSA) Project

The standard preparation for the project to analyze possibly over a thousand samples for over 250 compounds at the Analytical Chemistry Branch is well underway. This project is a joint effort among the Environmental Fate and Effects Division (EFED) of OPP, Office of Water, and U.S. Geological Survey to conduct a water quality assessment for national rivers and streams. Part of the assessment is to collect water samples and screen for pesticide residues. Over 180 standards have been aliquoted from the National Pesticide Standard Repository to prepare stock solutions. Additional standards are being purchased from commercial vendors. The next step is to tune the mass spectrometer and find the mass transitions of these 250 compounds and establish the analytical conditions. (Thuy Nguyen, 410-305-20905; Yaorong Qian, 410-305-2636, Terry Cole, 410-305-2907; Katie Weyrauch, 410-305-2909).

Environmental Chemistry Branch (ECB) Receives Request for Consultation Regarding Analytical Methods Used in the Dioxin Reassessment Study

ECB was contacted by Dr. Marguerita Cattell, Dairy Research & Technology, LLC, Windsor, Colorado, to discuss methodology and experimental design issues developed during the EPA Dioxin Reassessment Study which were relevant to her investigation of dioxins and furans in animal products (milk and beef fat) from feeding source verified biochar (charcoal) to dairy cattle. ECB was the lead analytical laboratory for the EPA in this study. Dr. Cattell was interested in learning of any further details regarding milk lipid sample storage and extraction as it is a critical issue to her study. The Dioxin Reassessment Beef Fat Survey results were also very useful as a baseline comparison and particularly the research showing that backfat is an adequate representative of body lipid burdens. (Tripp Boone, 228-688-2242; Craig Vigo, 228-688-1229; Christian Byrne, 228-688-3213)



BEAD Arranges Meeting with Captan Registrant to Discuss High Application Rates on Ornamentals

BEAD, PRD, and RD met with Arysta Life Science, one of the captan registrants, to discuss the high application rates from the Label Use Information System (LUIS) reports for dichondra, a California only use. Based on the label language, the application rates converted to as low as 43 lbs/acre and as high 187 lb/acre. In addition, there is no yearly max rate on labels or in the RED for foliar applications on ornamentals. Arysta acknowledged that there is a need for clarification of commercial vs residential use rates on the label and suggested that EPA convene a meeting with the Captan Task Force to discuss this issue. Dominic Schuler of RD and Christina Scheltema of PRD will work together to organize a Focus meeting for captan in the near future to discuss these uses and other issues of concern. (Cynthia Doucoure, 308-8133; Sepehr Haddad, 308-9331; Steve Jarboe, 308-8133)

Teleconference with USDA/APHIS Biotechnology Regulatory Services (BRS) on Enhanced Collaboration. On February 14, BEAD joined BPPD and RD in a conference call to follow up on the Jan. 29th discussion with BRS to discuss the strategy to enhance communication and information-sharing between BRS and OPP. There was agreement to exchange lists of contacts for both organizations as well as agreement to develop information needs for each organization. (Skee Jones, 305-7416)

BEAD Participates on Resistance Management Panel at Weed Science Society of America (WSSA) Meetings. BEAD participated in a panel discussion titled "Federal Agency Perspective on Resistance Management" at the WSSA meetings in Baltimore. BEAD indicated that OPP supports voluntary programs for resistance management and Mechanism of Action (MOA) labeling by pesticide registrants. Resistance management is an important topic, with four different symposia related to resistance management at this year's WSSA annual meeting. While the views of researchers are not in complete agreement on how to correct the problem of weed resistance, all are concerned and are working toward developing better tools for working on the problem and for disseminating information. (Bill Chism, 308-8136 and Bill Phillips, 308-8099)

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

 OPP FOIA Request Status Report – Feb 4-8, 2013 							
<i>Requests Received</i>		<i>Requests Closed</i>			<i>Requests Open</i>		
<i>FY13</i>	<i>This Week</i>	<i>FY13</i>	<i>FYTD</i>	<i>This Week</i>	<i>FY13</i>	<i>Prior Years</i>	<i>Total</i>
159	11	88	157	9	71	148	219

(Ana Espinoza, 703-347-0102)

CSIB Presents Office 365 Overview: Hamaad Syed and David Kovack held all hands meetings with BPPD, AD, and BEAD on Wednesday, February 13 in order to provide an overview of Agency's new email system. After the presentation, there was a lively question and answer session for each as well. The migration to O365 is already underway. Power users in each Division have been trained by CSIB to handle most normal configuration questions on Tuesday when everyone will begin to use Outlook for email. For more information please contact Troy Stewart and David Kovac. (Hamaad Syed, 703-305-0502)

Protections for Subject in Human Subjects Research with Pesticides Web Page Updated

- The ITRMD Web Team worked with FEAD and the OPP/IO to update the human subjects research web page with the final amendments signed by Administrator Lisa Jackson on February 8, 2013. For more information on this update or for the pre-publication version of the signed final rule or the press release, please visit <http://www.epa.gov/oppfead1/guidance/human-test.htm> (Christine Tran, 703-305-1577)

BIOPESTICIDES & POLLUTION PREVENTION DIVISION

Monsanto Presents to OPP on RNAi in pest control. On February 13, scientists and regulatory specialists from Monsanto Company gave a presentation to OPP on RNA interference (RNAi) technology and its pesticidal use. Discussion topics included information on food/feed safety evaluations and environmental risk assessment, and current applications of RNAi in Plant Incorporated Protectants. Monsanto has presented this seminar to all three Federal agencies involved in the regulation of biotechnology (EPA, USDA, FDA) with the purpose of encouraging dialog and obtaining feedback. (Shannon Borges, 305-7175)

EUP Amended, Extended for PIP *Bacillus thuringiensis* (B.t.) Cry Proteins in Cotton.

On January 31, an Experimental Use Permit (EUP) was amended and extended for Bayer CropScience. 264- EUP-147 is for the evaluation of B.t. Cry proteins Cry1Ab, Cry2Ae, Vip3Aa19, and full-length Cry1Ab in lepidopteran-protected cotton. Originally issued through June 1, 2013, the amended and extended EUP allows for plantings in 17 states and Puerto Rico through June 30, 2015. Plantings of up to 14,688 acres are authorized, of which 2,448 acres may be planted to PIPs. (Denise Greenway, 308-8263)

BPPD Participates in Conference Call on CRW Management and Resistance.

On February 12, BPPD participated in a Webex conference call organized by the Canadian Food Inspection Agency (CFIA) on corn rootworm management and resistance-related issues. Participants included representatives of the Biotech industry and public research scientists. BPPD presented and discussed EPA regulatory definitions of resistance for corn rootworm as well as unexpected damage thresholds and current remedial action plans. (Jeannette Martinez 305-1016)

BPPD and BEAD Present Workshop on Tick IPM Workshop at MAEOE Annual Conference.

On February 8 and 9, representatives from BPPD and BEAD held a workshop titled "Integrated Pest Management for Tick-Borne Diseases" at the Maryland Association for Environmental and Outdoor Education 2013 Conference in Ocean City, Maryland. The workshop included valuable discussion on effective Tick IPM tools and potential partnerships with EPA. Additional conference presenters included the U.S. Department of Agriculture and the National Park Service. Attendees included secondary and post-secondary educators from

Maryland, county public health departments, and the National Geographic Society. (Candy Brassard, 305-6598; David Brassard (BEAD), 308-8104)

ENVIRONMENTAL FATE & EFFECTS DIVISION

EFED Participates in Mt. Vernon High School Science Fair. On February 5, OPP employees across several divisions served as volunteer judges for the annual Mount Vernon High School science fair. Each judge was assigned from five to ten projects according to their area of expertise (biology, environmental management, environmental science, chemistry, and physics). After the students described the rationale and results of their projects, the judges convened to pick 1st, 2nd, 3rd place and honorable mention winners. As a science-based agency, EPA is committed to supporting events that stimulate young teens in science, technology, engineering, and mathematics (STEM) and that encourage the participation of students in science fairs. (Karen Milians, 703-347-0233).

REGISTRATION DIVISION

Emergency Response Team 2013 Annual State Letter Distributed to Regulatory Partners On February 7, 2013 the Emergency Response Team issued its annual correspondence to state and federal partners to provide information on the current process and procedures for handling emergency exemptions under section 18 and special local need registrations under section 24(c) of FIFRA. The letter included discussion about preparing submissions to the EPA and key criteria for each type of request. Updates were also shared about the contact list for the Team members and new tools on the horizon, such as the section 18 web-based training and 24(c) electronic process. The goal of the letter was to continue to foster a mutual and supportive relationship with our regulatory partners. (Tawanda Maignan, 703/308-8050)

Registration Actions Granted Under FIFRA Section 18 Emergency Exemptions					
State/Federal Agency	Chemical Emergency Exemption Number	Product Name EPA Reg/ File Symbol	Crop/Site	Pest	Authorization Date
Specific Exemption(s):					
California	Thiabendazole 13-CA-06	Mertect 60 WP (Unregistered)	Mushroom	Green Mold	2-1-2013
Andrea Conrath, 703/308-9356					
Hawaii	Amitraz 13-HI-02	Apivar Strips (Unregistered)	Beehives	Varroa Mite	2-1-2013
New York	Amitraz 13-NY-02	Apivar Strips (Unregistered)	Beehives	Varroa Mite	2-1-2013
Ohio	Amitraz 13-OH-02	Apivar Strips (Unregistered)	Beehives	Varroa Mite	2-1-2013
Iowa	Hop Beta Acids 13-IA-01	HopGuard (Unregistered)	Beehives	Varroa Mite	2-5-2013
Stacey Milan Groce, 703/305-2505					

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Copper sulfate pentahydrate	Eagle Labs, Inc.	88911-1	R301	3/13/2013	2/13/2013
Dominic Schuler, 703/347-0260					
Prothioconazole	Bayer CropScience LP	264-824	R340	2/17/2013	2/8/2013
Rosemary Kearns, 703/305-5611					
Propiconazole	Makhteshim Agan of North America, Inc.	66222-41	R340	2/12/2013	2/12/2013
Erin Malone, 703/347-0253					
The Herbicide Branch granted:					
Tribenuron-methyl	Arysta LifeScience North America, LLC	66330-418	R300	5/2/2013	2/14/2013
Elizabeth Fertich, 703/347-8560					
Glyphosate	Aceto Agricultural Chemicals Corp	2749-535	R340	2/17/2013	2/13/2013
Juanita Gilchrist, 703/305-6965					
Flazasulfuron	ISK BioSciences Corporation	71512-12	R230	3/13/2012	2/14/2013
Hope Johnson, 703/305-5410					
Glyphosate	Monsanto Company	524-610 524-611	R310	2/23/2013	2/14/2013
Erik Kraft, 703/308-9358					
Clethodim	Willowood Clethodim, LLC	87812-1	R340	2/16/2013	2/14/2013
Dianne Morgan, 703/305-6217					
The Insecticide Branch granted:					
Fipronil	Sergeant's Pet Care Products, Inc.	2517-141	R340	2/19/2013	2/14/2013
Driss Benmhend, 703/308-9525					
Phenothrin	Claire Manufacturing	706-83	R340	2/16/2013	2/14/2013
Piperonyl butoxide	Whitmire Micro-Gen Research	499-511	R340	2/28/2013	2/13/2013
Pyrethrins	McLaughlin Gormley King Company	1021-2596	R310	2/17/2013	2/13/2013
Carmen Rodia, 703/306-0327					
Fipronil	BASF Corporation	7969-354	R310	2/14/2013	2/12/2012
Kevin Sweeney, 703/305-5063					
The Insecticide-Rodenticide Branch granted:					
Phorate	AMVAC Chemical Corporation	5481-529	R340	2/16/2013	2/8/2013
Marianne Lewis, 703/308-8043					
Amitraz	Intervet Inc.	54382-3	R340	2/12/2013	2/12/2013
Autumn Metzger, 703/305-5314					
Acetamiprid	Nippon Soda Company Ltd.	8033-117	R230	2/18/2013	2/12/2013
Jennifer Urbanski, 703/347-0156					
R230 – Additional use; non-food; outdoor; R300 – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackaging of registered end-use or manufacturing-use product that requires no data submission or data matrix; R301 – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy etc.; R310 – New end-use or manufacturing use product; requires review of data package within RD; includes reviews and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy; and R340 – Amendment requiring data review within an unregistered source of active ingredient\1.					